

Converting Colors

Hex(4A3A12)

Have a look what the booklet for
Hex(4A3A12) contains.

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Color

Hex(4A3A12)

Conversions

Conversions Part 1

Format	Color
Hex	4A3A12
RGB	74, 58, 18
RGB Percent	29%, 23%, 7%
CMY	0.7098, 0.7725, 0.9294
CMYK	0.00, 0.22, 0.76, 0.71
HSL	43°, 61%, 18%
HSV	43°, 76%, 29%
XYZ	4.4463, 4.5256, 1.2115
YIQ	58.2240, 22.3760, -9.0480

Conversions

Conversions Part 2

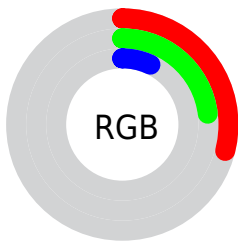
Format	Color
RYB	40, 74, 18
Decimal	4864530
CIELab	25.34, 1.98, 26.62
CIELCh	25, 26.697, 85.752
Yxy	4.5256, 0.4366, 0.4444
Android (android.graphics.Color)	4283054610 (0xFF4A3A12)
YUV	58.2240, -19.8304, 13.8356
Hunter-Lab	21.2735, 0.0787, 11.5151

Details


The Hex color **4A3A12** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12224A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7D693F**, and **1B1000** is the 20% darker color. If you saturate the color by 10%, you get **4A380B**, and if you desaturate by 10%, it is **4A3C19**.

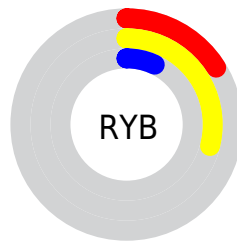
Distribution



 Red (29%)

 Green (23%)

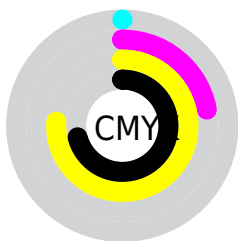
 Blue (7%)





 Red (16%)

 Yellow (29%)

 Blue (7%)

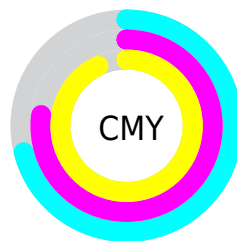



 Cyan (0%)


 Magenta (22%)

 Yellow (76%)

 Black (71%)



 Cyan (71%)

 Magenta (77%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A3A12 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4A3A12 by changing the saturation by 10% instead.



4A3A12



4A3A12



FFFFFF7



332400



7D693F



1B1000



988256



000000



B39C6F



CFB789



ECD2A3



FFEFBE



FFFFDA



4A3A12



4A3A12

■ 4A380B

■ 4A3C19

■ 4A3603

■ 4A3E21

■ 4A3500

■ 4A4028

■ 4A4230

■ 4A4537

■ 4A473E

■ 4A4946

■ 4A4B4D

■ 4A4D55

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59321B



4A3A12



364016

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4A3A12



00464D



523053

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4A3A12



12224A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



383860



4A3A12



00445D

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4A3A12



004638



053F64



5F2B40

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4A3A12



26431F



053F64



4B3258

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4A3A12



615B4B



4A1223



302D23



B0B0B0



303030

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4A3A12



614809



3F4A12



262522



664900



E6A400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12224A



092261



1D124A



222426



001D66



0042E6

Previews

White Background



This preview shows how the Hex color 4A3A12 looks on a white background.

Color Contrast Check

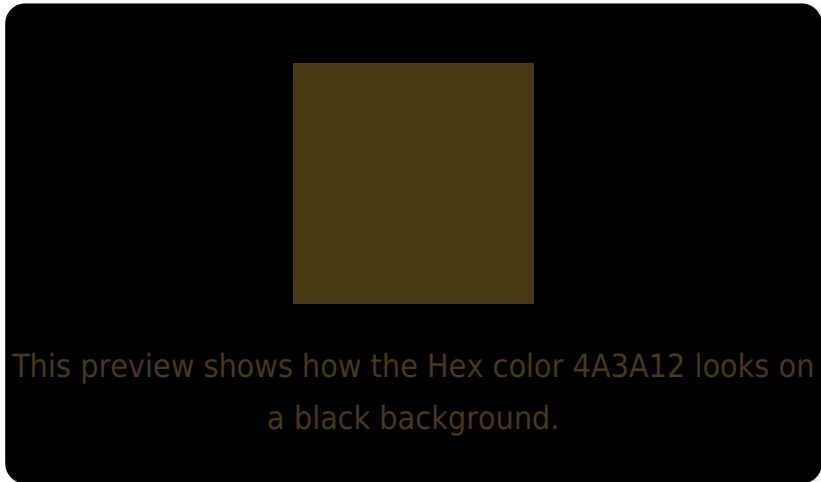
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

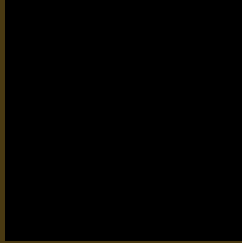
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4A3A12 Background



This preview shows how black text looks on a background with the Hex color 4A3A12.



This preview shows how white text looks on a background with the Hex color 4A3A12.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

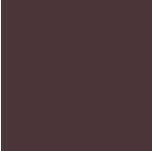
Dichromacy



Original Color
4A3A12

Protanopia
443C13

Deuteranopia
4C3912



Tritanopia
4D363A

Trichromacy



Original Color
4A3A12

Protanomaly
463B13

Deuteranomaly
4B3912

Tritanomaly
4C372B

Monochromacy



Original Color
4A3A12

Achromatopsia
3A3A3A

Achromatomaly
403A2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A3A12 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4A3A12 looks like.

```
.text, #text, p{  
    color:#4A3A12  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4A3A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3A12
}
```

Border

The CSS property to change the border of an element to Hex 4A3A12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

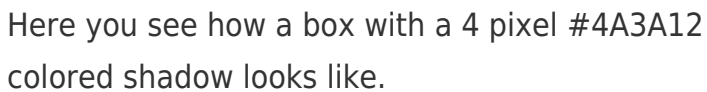
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A3A12 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4A3A12 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #4A3A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3A12; -webkit-box-shadow:4px 4px  
4px 4px #4A3A12; box-shadow:4px 4px 4px  
4px #4A3A12 }
```

Background

The CSS property to change the background color of an element to Hex 4A3A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3A12 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4A3A12 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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